

IDENTIFIERS

 dbEST Id:
 11445196

 EST name:
 K-EST0123375

 GenBank Acc:
 BM845132

 GenBank gi:
 19201531

CLONE INFO

Clone Id: S12SNU216-95-F02 (5')
Plate: 95 Row: F Column: 02

DNA type: cDNA

PRIMERS

PolyA Tail: Unknown

SEQUENCE

CTTCCACACTCTGTCCCCATCTGGCTTCTGCTGACCGCTGGGCCCCAGCTC

Quality: High quality sequence stops at base: 531

Entry Created: Mar 6 2002 Last Updated: Mar 6 2002

LIBRARY

R. Site 2:

Lib Name: S12SNU216
Organism: Homo sapiens
Sex: F

Organ: Stomach
Tissue type: Lymph n

Tissue type: Lymph node
Cell type: Epithelial
Cell line: SNU-216
Lab host: Top10F'
Vector: pCNS
R. Site 1: EcoRI

NotI

Description: The poly (A) + RNA was dephosphorylated with bacterial

alkaline phosphatase (BAP) and then decapped with tabacco acid pyrophosphatase (TAP). The decapped intact mRNA was ligated with DNA-RNA linker including EcoR I site by treatment of T4 RNA ligase and the first strand cDNA was

synthesized from oligo dT-selected mRNA by priming with dT-tailed vector. The dT-tailed vector was adjusted to have about 60nt. The cDNA vector was circularized with E. coli DNA ligase after digestion of EcoRI which site is also included in vector. An RNA strand converted to a DNA strand by Okayama-Berg method. The obtained cDNA vectors were used for transformation of competent cells E. coli Top10F' by electroporation method. The cDNA libraries constructed by this method are full-length enriched cDNA library.

SUBMITTER

Name:

Kim YS

Lab:

Genome Research Center

Institution:

Korea Research Institute of Bioscience & Biotechnology
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+82-42-860-4470 +82-42-860-4409

E-mail:

yongsung@mail.kribb.re.kr

CITATIONS

Title:

21C Frontier Korean EST Project 2001

Authors:

Kim, N.S., Hahn, Y., Oh, J.H., Lee, J.Y., Ahn, H.Y., Chu, M.Y., Kim, M.R., Oh, K.J., Cheong, J.E., Sohn, H.Y., Kim, J.M., Park

,H.S., Kim,S., Kim,Y.S.

Year:

2002

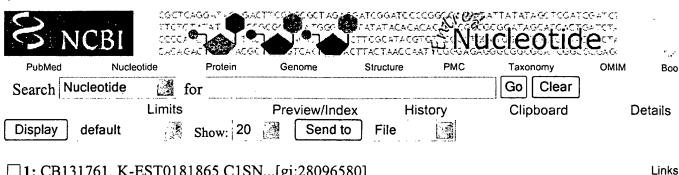
Status:

Unpublished

MAP DATA

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May 1 2003 16:27:42



☐ 1: CB131761. K-EST0181865 C1SN...[gi:28096580]

IDENTIFIERS

dbEST Id: 16815743 EST name: K-EST0181865 GenBank Acc: CB131761 GenBank gi: 28096580

CLONE INFO

Clone Id: C1SNU17s1-1-H12 (5') 1 Row: H Column: 12 Plate:

DNA type: **cDNA**

PRIMERS

PolyA Tail: Unknown

SEQUENCE

ACTCTGCTGCCGGCTTCTCGGAGCGGCGCCTGGGCGACCAGAGCAGGGTCGAGATGTCCTA CATCCCGGGCCAGCCGTCACCGCCGTGGTGCAAAGAGTTGAAATTCACAAGCTGCGTCA AGGTGAGAACTTAATCCTGGGTTTCAGCATTGGAGGTGGAATCGACCAGGACCCTTCCCA GAATCCCTTCTCTGAAGACAAGACGGACAAGGGTATTTATGTCACACGGGTGTCTGAAGG AGGCCCTGCTGAAATCGCTGGGCTGCAGATTGGAGACAAGATCATGCAGGTGAACGGCTG GGACATGACCATGGTCACACACGACCAGGCCCGCAAGCGGCTCACCAAGCGCTCGGAGGA GGTGGTGCGTCTGCTGGTGACGCGGCAGTCGCTGCAGAAGGCCGTGCAGCAGTCCATGCT GTCCTAGCAGCCACCATCTGCGACTCCTGCCTGCCGCCTCTCTGTACAGTAACGCCA

CTTCCACACTCTGTCCCCATCTGGCTTCTGCTGACCGCTGGGCCCCAGCTCAG

Quality: High quality sequence stops at base: 533

Entry Created: Jan 29 2003 Last Updated: Jan 29 2003

LIBRARY

Lib Name: C1SNU17s1 Organism: Homo sapiens Sex:

Organ: Cervix Tissue type: Uterine **Epithelial** Cell type:

Cell line: SNU-17 Lab host: Top10F' Vector: pCNS-D2 R. Site 1: **ECORI** R. Site 2: NotI

The poly (A) + RNA was dephosphorylated with bacterial Description:

> alkaline phosphatase (BAP) and then decapped with tabacco acid pyrophosphatase (TAP). The decapped intact mRNA was ligated with DNA-RNA linker including EcoRI site by

treatment of T4 RNA ligase and the first strand cDNA was

synthesized from oligo dT-selected mRNA by priming with dT-tailed vector. The dT-tailed vector was adjusted to have about 60nt. The cDNA vector was circularized with E. coli DNA ligase after digestion of EcoRI which site is also included in vector. An RNA strand converted to a DNA strand by Okayama-Berg method. The obtained cDNA vectors were used for transformation of competent cells E. coli Top10F' by electroporation method. The cDNA libraries constructed by this method are full-length enriched cDNA library. After analyzing and sequencing about 2,000 - 3,000 colonies in original cDNA library, the abundant cDNAs were selected and amplified by PCR reaction using vector region primer including T7 promotor as 5' primer and N(dT)14 as 3' primer. The PCR products were used as template for synthesis of biotinylated single stranded RNA by in vitro transcription reaction. The synthesized RNA probes were hybridized with antisense single stranded cDNAs prepared from original liberary and incubated with avidin-gel. After removing DNA-RNA hybrids by centrifuge, the subtracted cDNA libraries were constructed by transformaion of the remaining DNA into competent cells E. coli Top10F' with electroporation method.

SUBMITTER

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Tel: +82-42-860-4470 Fax: +82-42-860-4409

E-mail: yongsung@mail.kribb.re.kr

CITATIONS

Title: 21C Frontier Korean EST Project 2001

Authors: Kim, N.S., Hahn, Y., Oh, J.H., Lee, J.Y., Ahn, H.Y., Chu, M.Y.,

Kim, M.R., Oh, K.J., Cheong, J.E., Sohn, H.Y., Kim, J.M., Park

, H.S., Kim, S., Kim, Y.S.

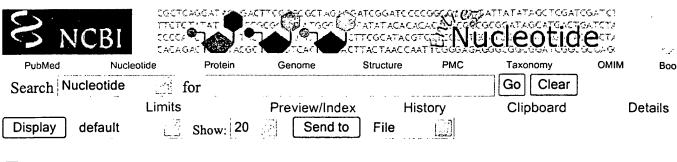
Year: 2002

Status: Unpublished

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☐1: CB961389. AGENCOURT_1388842...[gi:30217506]

Links

IDENTIFIERS

dbEST Id:

17749957

EST name:

AGENCOURT_13888422

GenBank Acc:

CB961389

GenBank gi:

30217506

CLONE INFO

Clone Id:

IMAGE:30348363 (5')

Plate:

NDAM390 Row: p Column: 04

DNA type:

CDNA

PRIMERS

PolyA Tail:

Unknown

SEQUENCE

TA

Quality:

High quality sequence stops at base: 567

Entry Created:

Apr 28 2003

Last Updated:

Apr 29 2003

COMMENTS

Tissue Procurement: Dr. Stefan Hansson

cDNA Library Preparation: Michael J. Brownstein (NHGRI) with

help and advice from Piero Carninci (RIKEN)

cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Agencourt Bioscience Corporation

Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

http://image.llnl.gov

LIBRARY

Lib Name: Organism: NIH MGC 148 Homo sapiens

• Organ:

placenta

Tissue type:

pre-eclamptic placenta

Lab host: Vector:

DH10B TonA pBluescriptR alI-XhoI

R. Site 1: R. Site 2:

BamH

Description:

Library is oligo-dT primed and directionally cloned using

primer 5'-TTTTTTTTTTTTTTVN-3', size-selected for average insert size 2.3 kb and normalized to ROT 5. This is a primary library enriched for full-lenght clones and constructed using the Cap-trapper method (Carninci, in

preparation). Library constructed by M. Brownstein

(NIMH/NHGRI, National Institutes of Health). Note: this is a

NIH MGC Library.

SUBMITTER

Name: E-mail: Robert Strausberg, Ph.D. cgapbs-r@mail.nih.gov

CITATIONS

Title:

National Institutes of Health, Mammalian Gene Collection

Authors:

NIH-MGC http://mgc.nci.nih.gov/

Year:

1999

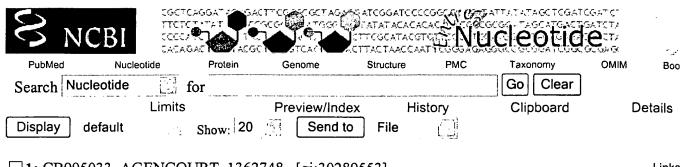
Status:

Unpublished

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☐1: CB995033. AGENCOURT_1362748...[gi:30289553]

Links

IDENTIFIERS

dbEST Id:

17779074

EST name:

AGENCOURT_13627489

GenBank Acc:

CB995033

GenBank gi:

30289553

CLONE INFO

Clone Id:

IMAGE:30338150 (5')

Plate:

NDAM364 Row: f Column: 15

DNA type:

cDNA

PRIMERS

PolyA Tail:

Unknown

SEQUENCE

ACCGCTGGGCCCCAGCTCAAAGGGGCTATAGCTGGN

Quality:

High quality sequence stops at base: 567

Entry Created:

Apr 30 2003 May 1 2003

Last Updated:

-

COMMENTS

Tissue Procurement: Dr. Stefan Hansson

cDNA Library Preparation: Michael J. Brownstein (NHGRI) with

help and advice from Piero Carninci (RIKEN)

cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Agencourt Bioscience Corporation

Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

http://image.llnl.gov

LIBRARY

Lib Name:

NIH_MGC_148

Organism: Organ:

Homo sapiens placenta

Tissue type:

pre-eclamptic placenta

Lab host:

DH10B TonA

R. Site 2: BamH

Description: Library is oligo-dT primed and directionally cloned using

primer 5'-TTTTTTTTTTTTTTTTTVN-3', size-selected for average insert size 2.3 kb and normalized to ROT 5. This is a

primary library enriched for full-lenght clones and constructed using the Cap-trapper method (Carninci, in preparation). Library constructed by M. Brownstein

(NIMH/NHGRI, National Institutes of Health). Note: this is a

NIH_MGC Library.

SUBMITTER

Name: Robert Strausberg, Ph.D. E-mail: cgapbs-r@mail.nih.gov

CITATIONS

Title: National Institutes of Health, Mammalian Gene Collection

(MGC)

Authors: NIH-MGC http://mgc.nci.nih.gov/

Year: 1999

Status: Unpublished

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